

**San Francisco-Oakland Bay Bridge  
East Span Seismic Safety Project**

**SKYWAY  
INFORMATION HANDOUT**

**Master CD Index**

**Skyway Contract No. 04-012024  
04-SF-80-13.9-14.3  
ALA-80-0.0-1.6**

**If you have any questions please contact:**

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## Master CD Index

<b>C D  N o .</b>	<b>File Name</b>	<b>File Size</b>	<b>Description</b>
<b>1</b>	ar405eng.exe	5.49MB	Acrobat Reader
	readme.txt	175Bytes	<b>Read Me First</b>
	cd1index.pdf	458KB	<b>CD1 Index</b>
	asbuilt folder	255MB	<b>San Francisco-Oakland Bay Bridge East Span As-Built Drawings (See pages 9 &amp; 10 for Content of CD1 As-Built Folder)</b> prepared for T.Y. Lin International/Moffat & Nichol Engineers A Joint Venture, prepared by Dokken Engineering
	cswppp.pdf	1.69MB	<b>(CSWPPP) Conceptual Storm Water Pollution Prevention Plan</b> , dated August 2000 by Caltrans Environmental Engineering Branch
	archaeo1.pdf	9.61MB	<b>Archaeological Survey Reports:</b>
			<b>Phase 1 Archaeological Survey Report-Maritime Archaeology (SFOBB) San Francisco-Oakland Bay Bridge East Span Pile Installation Demonstration Project</b> , dated September 1999, prepared by James M. Allan of William Self Associates, Reviewed by Michael W. Davis of Parsons Brinckerhoff Inc. & Approved by Mara Melandry for Steven Hulsebus of Caltrans District 4
			<b>Addendum Archaeological Survey Report-Maritime Archaeology</b> , Memorandum Report dated December 6, 1999, by James M. Allan of William Self Associates, prepared for Mara Melandry & Janet Pape of Caltrans
	archaeo3.pdf	12.6MB	<b>Addendum Archaeological Survey Report-Maritime Archaeology</b> , dated March 2000, prepared by James M. Allan of William Self Associates, Reviewed by Michael W. Davis of Parsons Brinckerhoff Inc. & Approved by Mara Melandry for Steven Hulsebus of Caltrans District 4
<b>CD1 CONTINUED NEXT PAGE</b>			

CD1 CONTINUED			
<b>C D N o .</b>	<b>File Name</b>	<b>File Size</b>	<b>Description</b>
<b>1</b>	archaeo4.pdf	1.04MB	<b>Addendum Archaeological Survey Report-Maritime Archaeology</b> , Memorandum Report dated August 17, 2000,by James M. Allan of William Self Associates prepared for Janet Pape of Caltrans
	debris.pdf	458KB	<b>(SFOBB) San Francisco-Oakland Bay Bridge East Span Underwater Debris Diagram</b> , dated May 2001 (Note: Debris Location is based on "Phase1 Archaeological Survey Report-Maritime Archaeology" and "Addendums Archaeological Survey Report-Maritime Archaeology"
	survey1.pdf	49.8KB	<b>San Francisco-Oakland Bay Bridge East Span Survey Information: Control Diagram</b> , dated April 25, 2001, provided by Caltrans Survey Branch
	survey2.pdf	7.25MB	<b>Oakland Mole Survey Information volume 1 of 2:</b> Summary of Photo Control Points and Survey Notes, date of Survey was January 15, 1997 & April 1997, provided by Caltrans Survey Branch
	survey3.pdf	3.03MB	<b>Oakland Mole Survey Information volume 2 of 2:</b> Control Points on Aerial Photos, date of Survey was January 15,1997 & April 1997, provided by Caltrans Survey Branch
	uscgform.pdf	192KB	<b>US Coast Guard Private Aids to Navigation Sample Application Form</b>

<b>CONTENT OF CD 1 AS-BUILT FOLDER</b>
Bent E23 to E39 Retrofit (Contract No. 04-043431)
Bent E4-Reconstruction of Top Struts (Contract No. 04-37)
Cable Realign Sta. 301+86 to Toll Plaza (Cont. 52-15TC1)
Camera Installation (Contract No. 04-030844)
Cant. Struct. L. Chord Damage Repair (Cont. 04-035104)
Deck Drainage Improvements-YBI (Cont. 04-0426404)
E. Bay L. Deck Truss Scaffold for 288' Span (Cont. 60-15BBC1)
E. Bay Travel Scaffold Rail Improvements (Cont. 04-029404)
E. Bay U. Deck Trav. Track Spans YB1- E1 (Cont. 51-15TC2)
Earthquake Repairs - Pier E18 - E22 (Contract No. 04-190054)
Earthquake Repairs - Pier E9 (Contract No. 04-190014)
Earthquake Restrainers (Contract No. C-64158)
East Bay 288' Span Truss Web Scaffold (Cont. 04-026704)
East Bay Fenders (Contract No. 04-0474)
East Bay Ladders and Walkways (Contract No. 04-025504)
East Bay Lower Deck Travelers (Contract No. 62-15BBC2)
Electrical Alterations (Contract No. 04-44122)
Expansion Grating Shields (Contract No. C-54066)
Fender Repairs W5,E4 and E5 (Contract No. 65-15U38C2)
Glare Screen (Contract No. 04-64128)
Int. Seis. Retr. E. Bay Truss Spans E17-E22 (Cont. 04-3004)
Int. Seis. Retr. E. Bay Truss Spans E9-E16 (Cont. 04-3004)
Int. Seis. Retr. East Bay 288'Truss YBI (Cont. 04-043004)
Int. Seis. Retr. East Bay Cant. Truss (Cont. 04-043004)
Interim Seis. Retr. East Bay 504 Trusses (Cont. 04-043004)
Interim Seis. Retr. East Bay YBI Viaduct (Cont. 04-043004)
Interim Seismic Retrofit Roadway Plans (Cont. 04-043004)
Lower Deck Relamping (Contract No. 04-122054)
Maintenance Roads (Contract No. 004338)
Maintenance Safety Improvements (Contract No. 04-001644)
Marine Radar Beacon (Contract No. 004384)
Mole Air and Water Lines (Contract No. 04-4065)
Mole Shoreline Restoration & Improvements (Cont. 040056)
Pier E9 Seismic Retrofit (Contract No. 190024)
Proposed Fender Repairs (Contract No. 61-14BBC2)
Reconstr. Exp. Gratings Upper Deck (Contract No. 04-4093)
Reconstruct Expansion Joints (Contract No. C-64123)
Reconstruction - Track Removal (Contract No. C-4003)
Reconstruction Deck Paving - East Bay (Contract No. 04-4011)
Reconstruction Deck Surfacing (Contract No. 04-4033)
Reconstruction Lower Deck Lighting (Contract No. 04-4027)
Reconstruction Lower Deck Surfacing (Contract No. 04-4024)
Reconstruction Sealing Upper Deck Joints (Cont. 04-4036)
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<b>CONTENT OF CD 1 AS-BUILT FOLDER</b>
Reconstruction Steel Work - East Bay (Contract No. 04-4030)
Reconstruction Structure - YBI (Contract No. 04-4029)
Reconstruction Upper Deck Lighting (Contract No. C4070)
Repair of Damaged Member U10-L10 (Contract No. 04-20777)
Resurface Lower Deck Paving & Striping (Cont. 04-025204)
Resurfacing Upper Deck (Contract No. 04-014504)
SFOBB Seismic Retrofit (Contract No. 04-01731)
South Railing Repair - Span E10 (Contract No. 04-04154)
Substructure - Girder Span on Mole (Contract No. 8)
Substructure East Bay Crossing (Contract Nos. 04-4, 04-4A)
Superstructure East Bay Crossing (Contract No. 04-7)
Traveler Rail Support Revisions-East Bay (Cont. 04-030304)
Truss & Railing repair Spans W1,E10,E18 (Cont. 04-04139)
Truss and Railing Repair, Span E11 (Contract No. 04-4168)
Upper Deck Lighting Stage 1 (Contract No. 04-004053)
YB1 Slide Repair - Bent 50 (Contract No. C-64152)
Yerba Buena Crossing (Contract No. 04-5)
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2	ar405eng.exe	5.49MB	Acrobat Reader
	readme.txt	175Bytes	<b>Read Me First</b>
	cd2index.pdf	448KB	<b>CD2 Index</b>
	pidpcons.pdf	2.10MB	<b>Pile Installation Demonstration Project (PIDP) Construction Report</b> , dated April 2001, prepared by Mark P. Woods, Mark G. Vilcheck, Beau B. Wrightson of Caltrans
	pidpstor.pdf	92.9KB	<b>Pile Installation Demonstration Project (PIDP) Existing Storage Area</b> , dated April 2001
	steel.pdf	60.4KB	<b>Steel Products Manufacturing and Fabrication Qualification Audit</b> , Forms, dated May 7, 2001
	precast.pdf	53.4KB	<b>Precast/Prestressed Fabrication Qualification Audit</b> , Forms Dated May 7, 2001
	utcert.pdf	21.3KB	Notification of California Department of Transportation Qualification Requirement for Ultrasonic Testing Personnel
	coc.pdf	13.3KB	Sample-Certificate of Compliance Form
	concret1.pdf	86.3KB	<b>Mass Concrete Report</b> dated January 25, 2001 by Ric Maggenti P.E. Materials & Research Engineer of Caltrans
	concret2.pdf	2MB	<b>Appendix to Mass Concrete Report: Mass Concrete Pours at Dublin 580/680 Interchange</b> , dated January 9, 2001 prepared for Ric Maggenti by Danny L. Callaway P.E. Engineering Service Center, Instrumentation Services Branch of Caltrans
	design1.pdf	113KB	<b>Skyway Structures Design Criteria, dated March 1, 2001</b> prepared by T.Y. Lin International/Moffat & Nichol Engineers A Joint Venture
	design2.pdf	9.74 KB	<b>List of other Design Criteria Materials Testing Information and Designers References</b>

	footing.pdf	1.63MB	<b>Sample-Drawing of Footing</b>
<b>C D N o .</b>	<b>File Name</b>	<b>File Size</b>	<b>Description</b>
<b>3</b>	ar405eng.exe	5.49MB	Acrobat Reader
	<b>readme.txt</b>	175Bytes	<b>Read Me First</b>
	<b>cd3Index.pdf</b>	446KB	<b>CD3 Index</b>
	geotch01.pdf	18.6MB	<b>Pile Installation Demonstration Project (PIDP) Geotechnical Report:</b> Main Text & Appendices prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture
	geotch02.pdf	15.9MB	<b>Axial Pile Design and Driveability Main Span-East Pier &amp; Skyway Structures:</b> Main Text and Appendices Dated March 2001, prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture
	geotch03.pdf	3.23MB	<b>Analysis and Design Procedures for Pile Foundations Supporting Temporary Towers Skyway Structures:</b> Main Text and Appendices, dated March 2001, prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture
	geotch04.pdf	42.1MB	<b>Lateral Pile Design for Main Span Pier-E2 and Skyway Structures:</b> Main Text and Appendices dated March 2001, prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture
	geotch05.pdf	481MB	<b>Ground Motion Report:</b> Main Text and Appendices dated March 2001, prepared for Caltrans Caltrans by Fugro-Earth Mechanics A Joint Venture



<b>C D N o .</b>	<b>File Name</b>	<b>File Size</b>	<b>Description</b>
<b>4</b>	ar405eng.exe	5.49MB	Acrobat Reader
	<b>readme.txt</b>	175Bytes	<b>Read Me First</b>
	<b>cd4Index.pdf</b>	448KB	<b>CD4 Index</b>
	geotch06.pdf	12.3MB	<b>Revised Final Oakland Shore Approach Geotechnical Site Characterization Report:</b> dated March 2001, prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture, Volume-1, Main Text
	geotch07.pdf	10.9MB	Volume-2A, Appendices - By-Borings
	geotch08.pdf	15MB	Volume-2B, Appendices - By-Borings
	geotch09.pdf	11.4MB	Volume-3, Appendices - CPT Soundings
	geotch10.pdf	154MB	Volume-4, Preliminary Study of Approach Fills, Study-Other Reports; Lateral Spreading of Fills, Findings-Trench and Pit Excavations and Geotechnical Testing for the East-Bay Crossing of SFOBB By UC Berkeley
	geotch11.pdf	68.6MB	<b>Final Marine Geophysical Survey Report</b> :dated March 2001, prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture Volume-1, Main Text and Appendices
	geotch12.pdf	5.41MB	Volume-2, Maps
	geotch13.pdf	43.3MB	<b>Final Marine Geotechnical Site Characterization Report:</b> dated March 2001, prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture Volume-1, Main Text and Illustrations
	geotch14.pdf	16.2MB	Volume-2A, Individual Boring Appendices
	geotch15.pdf	19.5MB	Volume-2B, Individual Boring Appendices
	geotch16.pdf	12.4MB	Volume-2C, Individual Boring Appendices
	geotch17.pdf	12.8MB	Volume-2D, Individual Boring Appendices
	geotch18.pdf	15MB	Volume-2E, Individual Boring Appendices
	geotch19.pdf	14.2MB	Volume-2F, Individual Boring Appendices
	geotch20.pdf	11.4MB	Volume-2G, Individual Boring Appendices
	geotch21.pdf	9.59MB	Volume-2H, CPT Data Appendix

<b>C D N o .</b>	<b>File Name</b>	<b>File Size</b>	<b>Description</b>
<b>5</b>	<b>readme.txt</b>	221Bytes	<b>Read Me First</b>
	<b>cd5Index.pdf</b>	443KB	<b>CD5 Index</b>
	geotch22.pdf	542MB	<b>Subcontractor Report -Preliminary Geotechnical Site Characterization</b> , dated June 1998 prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture Volume-1, Borehole Geophysics & Televiewer Logs
	geotch23.pdf	155MB	Volume-2, Part-1, Seismic Survey-Yerba Buena Island & Pressuremeter Testing
<b>6</b>	ar405eng.exe	5.49MB	Acrobat Reader
	<b>readme.txt</b>	175Bytes	<b>Read me First</b>
	<b>cd6Index.pdf</b>	443KB	<b>CD6 Index</b>
	geotch24.pdf	663MB	<b>Subcontractor Report - Preliminary Geotechnical Site Characterization:</b> dated June 1998 prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture Volume-2, Part-2, BIPS Data - Yerba Buena Island
<b>7</b>	ar405eng.exe	5.49MB	Acrobat Reader
	<b>readme.txt</b>	175Bytes	<b>Read Me First</b>
	<b>cd7Index.pdf</b>	443KB	<b>CD7 Index</b>
	geotch25.pdf	14MB	<b>Subcontractor Reports-Preliminary Geotechnical Site Characterization:</b> dated June 1998, prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture Volume-3, Resonant Column and Cyclic Direct Simple Shear Test & Dynamic Properties of Intact Soil Specimens
	geotch26.pdf	651MB	Volume-4, Laboratory Rock Testing Program
<b>8</b>	ar405eng.exe	5.49MB	Acrobat Reader
	<b>readme.txt</b>	175Bytes	<b>Read Me First</b>
	<b>cd8Index.pdf</b>	444KB	<b>CD8 Index</b>
	geotch27.pdf	381MB	<b>Subcontractor Reports - Final Geotechnical Site Characterization:</b> dated March 2001, prepared for Caltrans by Fugro-Earth Mechanics A Joint Venture Volume-1, Borehole Geophysics & Televiewer Logs
	geotch28.pdf	284MB	Volume-2, Laboratory Rock Testing Program
	geotch29.pdf	10.4MB	Volume-3, Seascout CPT Soundings